

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, 9th Floor  
PO Box 4025  
Sacramento, CA 95812-4025

**General Instructions:**

Please select the ONE choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.  
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

**Section I: Jurisdiction Information and Certification**

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City of Blythe	County Riverside		
Authorized Signature 	Title Public Works Director		
Type/Print Name of Person Signing Jim Rodkey	Date 1-Oct-01	Phone ( ) include Area Code (760) 922-6611	
Person Completing This Form (please print or type) Paul Ryan, Dennis Wambem, Gorden Beers, Kevin Nelson	Title Consultants, waste hauler, city staff		
Affiliation: Consultants, franchisee, and city staff			
Mailing Address 235 N. Broadway	City Blythe	State CA	ZIP Code 92225
E-mail address <u>jwrjr@ate.net</u> (Jim Rodkey)			

**Section II: Information for New Generation-Based Study for Existing or New Base Year**

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year: 1990

2. Proposed new generation-based study year: 1998

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The new base-year represents average annual jurisdiction disposal and diversion when compared with previous yearly generation based studies. A continuing multi-year project to create a park is also included. The clean up of litter and illegal dumping and the recycling of materials for beneficial uses on land that was an old city burn site has been included in the new base-year. The site has been periodically cleaned up and then illegal dumping occurs again. The City of Blythe and the LEA are working on a project to control illegal dumping and the development of a community park. Processed materials are being used to develop the architectural features for the community park.

**4. Enter your diversion rates below.**

Diversion rate calculated using existing base year	a. 10 %	Diversion rate calculated using new generation-based study	b. 40 %
For existing base year pounds/person/day based on generation	8.47 lbs/day	For new generation based study pounds/person/day based on generation	7.52 lbs/day
Residential generation 42 % Non-Residential generation 58 %		Residential generation 52 % Non-Residential generation 48 %	
Population existing generation-based study 8,448		Population new generation-based study 21,500	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Blythe 1990 base-year generation study was developed by Riverside County, based on a number of assumptions that proved incorrect. It was erroneously determined by the County Waste Generation Study consultant, that the City of Blythe's uncompacted waste stream was similar to that of the City of Desert Hot Springs. Further, the limited observational studies were erroneously assigned using countywide allocation methodologies because the Blythe Sanitary Landfill was not in 1990 equipped with a scale. The increase in the diversion rate and revisions to the lbs/person/day values corrects the under reporting and erroneous assumptions made in the original base-year. The new generation tonnage is based on fully enumerated data derived from program and survey information.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The difference between the proposed diversion rates, being greater than 5 percentage points, is attributed to recycling and other diversion activities by the City of Blythe and the Chuckwall and Ironwood Prisons which were not reported in the 1990 base-year.

<b>7. Disposal Tonnage: (enter values)</b>	8853	8173	1,026
Residential	Non-Residential		
		Total	

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

- a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
- b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmmb.ca.gov/gcentral/forms/yAnmdtq.doc>)
- c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmmb.ca.gov/gcentral/forms/yAnmdtq.doc>)

**8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: 1. The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms**

\*Please provide detailed Non-Residential waste information in Section 9

\*Please provide detailed non-Residential waste audit information in Section 9.

**Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.**

Diversion Activity	Activities	Relative Percent to Total Generation		Specific material types/kit specification/weight/in materials in one box	Type of record and location of record
		Residential	Non-Residential		
Please use the Board's program types The program type given says is online at <a href="http://www.ciwmmb.ca.gov/gcentral/forms/yAnmdtq.doc">http://www.ciwmmb.ca.gov/gcentral/forms/yAnmdtq.doc</a>	[A]	[A]	[A]		
<b>Residential Activities:</b>					
Curb-side composting	16	0.1%	Compost	Riv. Co. CIWMMB approved conversion factors	Questionnaire - City of Blythe and CIWMMB
Grasscycling	0	0.0%	N/A	N/A	Correspondence N/A
Other Residential source reduction	0	0.0%			
Enter program name	0	0.0%	N/A	N/A	
Enter program name	0	0.0%	N/A	N/A	
Enter program name	0	0.0%	N/A	N/A	
Enter program name	0	0.0%	N/A	N/A	
Residential Residential Source Reduction	16	0.1%			
Drop-off Recycling	0	0.0%	N/A	N/A	
Curb-side Recycling	0	0.0%	N/A	N/A	
Drop-off centers	314	1.1%	Paper, plastics, glass, aluminum cans, tin cans, non ferrous metals included in buyback	Scale receipts: PWVDS, CANCO, VFW See Buyback	
Drop-off centers	0	0.0%			

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Program Type				Type of material (e.g. paper, plastic, metal, glass, wood, etc.)		Specific conversion factors used to convert materials to paper		Type of material and location of record	
Enter program name	Enter program name	Enter program name	Enter program name	Enter program name	Enter program name	Enter program name	Enter program name	Enter program name	Enter program name
Please use the Board's program type. The program type glossary is online at: <a href="http://www.cwmrc.ca/glossaryofterms.aspx">http://www.cwmrc.ca/glossaryofterms.aspx</a>		[Enter program name] [Enter program name]							
<b>Other Residential Recycling (not batch program - separate day)</b>									
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Subtotal Residential Recycling	314	1.1%							
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Enter program name	0	0.0%	N/A					N/A	
Subtotal Residential Diversification	330	1.2%							
Non-Residential Recycling Sewer Audit									
Enter program name	0	0.0%							
<b>Other Non-Residential Resource Reduction (not batch program separately)</b>									
1000-SR-XGC: City of Blythe and other local governments, grassrecycling at parks, school yards, office buildings, etc.	1730	6.1%	Grass mulch						
1050-SR-GOV: City of Blythe, Palo Verde USD, Palo Verde College and Chuckwalla/Ironwood Prisons	577	2.0%	Double sided copying, paving regind, repair and reuse items						
1050-LDR-MTE: Valley Resource Center (Rehabilitation Center)	223	0.8%	Repair and reuse items						
Enter program name	0	0.0%							
Enter program name	0	0.0%							
Subtotal Non-Residential Resource Reduction	223	0.9%							

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Diversion Activity	Actual tons	Relative Percentage Total Generation	Specific materials tracked (list operation with available materials in one box)	Specific diversion factor used (if any) and source	Type of record and location of record
Please use the Board's program types. The program type <b>disposal</b> is online at: <a href="http://www.wasteaudit.org">http://www.wasteaudit.org</a> [or http://www.wasteaudit.org/records/records.htm]					
<b>Non-Residential Waste Audit*</b> Other non-Residential requiring (not earth products separate)	404	1.7%			<a href="#">See Section 9</a>
2080-RC-GOV: Government Recycling	55	0.2%	Cardboard, newspaper, plastic, metals, C&D, etc.	Actual tonnage	
2080-RC-OTH: Prison Recycling	609	2.1%	RASP Program Diversion	Actual tonnage	
Enter program name	0	0.0%			
Enter program name	0	0.0%			
Enter program name	0	0.0%			
<b>Subtotal Non-Residential Recycling</b>	1158	4.1%			
<b>Non-Residential Waste Audit*</b> Other non-Residential requiring (list each program separately)	0	0.0%			<a href="#">See Section 9</a>
Enter program name	0	0.0%			
Enter program name	0	0.0%			
Enter program name	0	0.0%			
Enter program name	0	0.0%			
<b>Subtotal Non-Residential Combining</b>	0	0.0%			
<b>Subtotal Non-Residential</b>	3689	13.0%			
<b>Residential Residential Diversion Activities</b>	0	0.0%			N/A
AUD:					Scale receipts - City of Blythe records
Sludge	500	1.8%	Diverted sludge/land application	Actual tonnage	
Scrap metal	26	0.1%	Scrap metal	Actual tonnage	
Construction and demolition	6821	74.0%	Concrete, asphalt, brick and rock	Actual tonnage	
Landfill salvage	22	0.1%	Tires to recycler	Actual tonnage	
<b>Subtotal Residential/Non-Residential diversion</b>	7355	25.5%			
<b>Total Res/Non-Res Sources Reduction Tons</b>	2547	9.0%			
<b>Total Diversion Tons</b>	11388	40.1%			
<b>Total Disposal Tons from San J.</b>	17026	59.9%			
<b>Total Generation Tons (G+D)</b>	28414				
<b>Diversion Rate</b>		40%			

## 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities include material type (e.g. paper recycling, glass/cycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Tons) Generation in Tons/Total Generation in Section 8)	Survey Method Mail (M) On-site (O) Other
City Government	2	Paper, plastic, metals, organics, grasscycling, C&D, and sludge	1874	6792		8666	30.5%	O,P,M
State Prisons	1	Cardboard, paper, plastics, glass, metals and textiles	10	609		619	2.2%	O,P
Franchisees	96	Cardboard, paper, plastics, glass, metal,C&D, organics and white goods	0	608		608	1.2%	O,P,M
Equipment Store	11	Cardboard, old equipment	1	192		192	0.7%	O,P,M
Rehab Center Thrift Store	106	Furniture, clothing, other reuse items	223	1		224	2.1%	O,P
Market	7	Cardboard, plastic, food waste	0	194		193	51	O,P
Recycling Center	94	Plastic, glass, aluminum		198		197	6	O,P
Cemetery District	124	Chipping/grinding and mulching	145	24		169	0.6%	O,P
Agricultural Services	34	Industrial Process Waste - cotton seed oil and bio diesel	0	118		118	02	O,P
Non-profit Organization	95	Plastic, glass, aluminum		108		107	75	O,P
	Totals		2252.75	8843.15		11095.9	39.1%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

The audits focused on the larger commercial businesses based on the CIWMB stratified sample selection and targeting methodology described in the CIWMB Uniform Waste Characterization Method and CIWMB Guide for Conducting A Diversion Study. A follow-up phase focused on the statistical strata consisting of small and medium sized businesses. The goal was to complete approximately 126 on-site waste reduction and recycling business audits out of 398 businesses in the City of Blythe. The survey was completed by the City of Blythe and PVDS in the spring of 1999 and submitted to the CIWMB in the spring of 2000. The non-extrapolation quantification methodology for estimating source reduction diversion quantities is based upon a draft USEPA document titled "Business Waste Prevention Quantification Methodologies, Business Users Guide and Technical Appendices," and CIWMB Diversion Study Guide. All of the conversion factors used are from CIWMB references noted in the April 2001 agenda item approving the Diversion Study Guide. Actual tonnage is used where possible throughout. When tonnage was estimated, 100% enumeration occurred before specific conversion factors were applied.

QUANTIFICATION EXPLANATIONS:

**PAPER**

**Cardboard Recycling:**

**Business 1:** The prisons recycled 168 tons of cardboard through the Recycling and Salvage Program (RASP). Tonnage information is reported to the Dept. of Corrections on a monthly basis.

**Business 7:** The business recycled a total of 193.5 baled tons of cardboard - weigh tickets at recyclers scales.

**Business 96:** The business recycled a total of 26 baled tons of cardboard - weigh tickets at company scales.

**Cardboard Reuse:**

**Business 11:** The company reported using 1,000 lbs (0.5 ton) of cardboard for internal reuse.

**Mixed Paper Recycling:**

**Business 1:** The prisons recycled 0.25 tons of mixed paper through the Recycling and Salvage Program (RASP). Tonnage information is reported to the Dept. of Corrections on a monthly basis.

**Business 2:** The municipality recycled 0.1 tons of mixed paper - weigh tickets at recyclers scales.

**Business 96:** The business recycled a total of 0.2 tons of mixed paper - weigh tickets at company scales.

**High Grade Paper Recycling:**

**Business 1:** The prisons recycled 10.4 tons of high grade paper through the Recycling and Salvage Program (RASP). Tonnage information is reported to the Dept. of Corrections on a monthly basis.

**Business 2:** The municipality recycled 0.25 tons of high grade paper - weigh tickets at recyclers scales.

**Business 96:** The business recycled 0.2 tons of high grade paper - weigh tickets at company scales.

**PLASTICS**

**Business 1:** The prisons recycled 0.6 tons of HDPE, 0.3 tons of PETE, and 4.4 tons of other plastics through the Recycling and Salvage Program (RASP).

**Business 7:** The business recycled 0.1 tons of HDPE, and 1.72 tons of film plastic. Tonnage information provided through survey.

**Business 94:** The recycling center recycled 10.5 tons of HDPE - weigh tickets at recyclers scales.

**Business 95:** The non-profit organization recycled 5.2 tons of PETE. Tonnage information provided and verified by PWVDS staff through survey.

**Business 96:** The business recycled 0.12 tons of other plastics - weigh tickets at company scales.

## GLASS

Business 94: The business recycled 102 tons of CRV glass. Tonnage information provided through survey.

Business 95: The non-profit organization recycled 42.5 tons of CRV glass. Tonnage information provided through survey.

Business 96: The business recycled 0.28 tons of CRV glass - weigh tickets at company scales.

## METALS

### Ferrous Metals

Business 1: The prisons recycled 71.19 tons of ferrous metals and tin cans through the Recycling and Salvage Program (RASP).

### Non-ferrous Metals

Business 1: The prisons recycled 1.04 tons of aluminum cans through the Recycling and Salvage Program (RASP).

Business 2: The municipality recycled 0.6 tons of non-ferrous metals and aluminum scrap - weigh tickets at recycler scales.

Business 94: The business recycled 85 tons of aluminum cans. Tonnage information provided through survey.

Business 95: The non-profit organization recycled 60 tons of aluminum cans. Tonnage information provided through survey.

Business 96: The business recycled 3.3 tons of aluminum cans and 0.74 tons of non-ferrous metals and aluminum scrap - weigh tickets at company scales.

### White Goods

Business 11: The business recycled 2,500 appliance units. A conversion factor of 153 lbs/average (USEPA) was applied for a total of 192 tons.

Business 96: The business recycled 24.7 tons of white goods - weigh tickets at company scales.

## YARD WASTE

Business 2: The municipality mulched 160 cu yds or 20 tons of leaves, branches, and prunings to use in parks, etc. for mulch. A conversion factor of 250 lbs/cu yd (USEPA) was used by the city to estimate the tonnage.

Business 96: The business chipped and ground 2 tons of leaves and prunings for mulch - weigh tickets at company scales.

Business 124: The cemetery district mulched 192 cu yds or 24 tons of leaves, branches, and prunings to use for mulch. A conversion factor of 250 lbs/cu yd (USEPA) was used by the district and city to estimate the tonnage.

## OTHER ORGANICS

Food Waste

Business 7: The business donated 9.2 tons of food to local charities and food banks. In addition, the business recycled 12.51 tons of food waste. Tonnage information provided through survey.

Wood Waste including pallets

Business 1: The prisons recycled 14.4 tons of wood waste, including pallets, through the Recycling and Salvage Program (RASP).

Textiles and Leather

Business 1: The prisons recycled 23.8 tons of textiles and leather products through the Recycling and Salvage Program (RASP).

INERT SOLIDS

Rocks, Asphalt, Concrete, and Brick

Business 1: The prisons recycled 294.99 tons of concrete and asphalt through the Recycling and Salvage Program (RASP).

Business 2: The municipality recycled 271 tons of concrete and asphalt for road base, rip rap and other public works projects. This material was weighed at the PVWDS scales. Additionally, the City processed and recycled 6,000 tons of concrete and asphalt for architectural features at a multi-year park project overlaying an old closed burn dump. Engineering calculations were performed by the Public Works Engineer to determine volume and weight. The park features will require the use of 42,000 tons of recycled material over a seven year period.

Business 96: The business recycled 550 tons of asphalt, concrete and bricks - weigh tickets at company scales.

SPECIAL WASTES

Industrial Process Waste

Business 34: The business processed 118 tons of ginned cotton seeds for use as cotton seed oil, bio-diesel, and soil amendments. Tonnage was calculated on a formula of 330 lbs of waste recycled per/acre (company allocation formula). The city of Blythe had 715 acres of cotton planted during 1998.

Sludge

Business 2: The municipality recycled 500 tons of sludge through land application. Actual tonnage was measured and recorded on weigh slips by Pima Gro.

SOURCE REDUCTION

Double Sided Copying

Business 1: The prisons reduced the use of paper by 10.2 tons, based on using the conversion factor - a ream (500 sheets of paper) = 5 lbs (USEPA) and the use of 9,600 reams of paper @ 85% double sided.

Business 2: The municipality reduced the use of paper by 0.28 tons, based on using the conversion factor - a ream (500 sheets of paper) = 5 lbs (USEPA) and the use of 880 reams of paper @ 25% double sided.

Business 11: The business reduced the use of paper by 0.01 tons, based on using the conversion factor - a ream (500 sheets of paper) = 5 lbs (USEPA) and the use of 100 reams of paper @ 10% double sided.

Business 34: The business reduced the use of paper by 0.02 tons, based on using the conversion factor - a ream (500 sheets of paper) = 5 lbs (USEPA) and the use of 15 reams @ 50% double sided.

Business 96: The business reduced the use of paper by 0.1 tons, based on using the conversion factor - a ream (500 sheets of paper) = 5 lbs (USEPA) and the use of 120 reams @ 80% double sided.

**Grasscycling**

Business 2: The municipality mulch mows 177 acres of parklands, golf courses, street scapes, etc. for a total of 1,348.5 tons of grass mulch. The conversion factor used for this calculation is 350 lbs/1,000 sq ft/year of lawn (USEPA).

Business 124: The cemetery district mulch mows 19 acres of cemetery lawn for a total of 145 tons of grass mulch. The conversion factor used for this calculation is 350 lbs/1,000 sq ft/ year of lawn (USEPA).

**Other Reuse**

Business 2: The municipality reused 109.2 tons of reuse items through auctions and transfers of properties to non-profit organizations. The tonnage was calculated by the Public Works Department through tonnage records and volume calculations.

Business 106: The non-profit training center sold as reuse 31 tons of clothing by actual weight. 4 tons of appliances using an average of 135 pounds per item (USEPA). 187 tons of household furnishings, and 1 ton of dinnerware and brick-a-brack (refer to backup materials for further calculations using USEPA and Diversion Study Guide diversion factors). Note: no conversion factors could be found for toys so items were not included in diversion reporting.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	▼ City of Blythe Public Works concrete and asphalt grinding program	1997	6271
White Goods	▼ PVVDS Special Collection Program (seasonal)	1995	25
Scrap Metal	▼ City of Blythe Public Works yard scrapage program	1993	1
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

\_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (*Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

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**Business Audit Diversion for the City of Blythe**

Reference Number	Business Type	Diversion Activity	Material Type	Conversion Factor and Source	Tons
11	Appliance Store	Recycling	Cardboard	Actual tonnage from company	0.5
		Recycling	White goods	Actual tonnage from company	192
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.01
7	Market	Recycling	Cardboard	Actual tonnage from company	193.5
		Recycling	HDPE	Actual tonnage from company	0.1
		Recycling	Film Plastic	Actual tonnage from company	1.72
		Recycling	Food Waste	Actual tonnage from company	22
		S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.01
34	Agricultural Services	Recycling	Industrial Process Waste	Actual tonnage from company and hauler	118
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.02
102	Wholesale Trade	Recycling	Refillable glass containers	Actual tonnage from company	102
		Recycling	Other recyclable glass	Actual tonnage from company	0.8
15	Manufacturing	Recycling	Cardboard	Actual tonnage from company	0.9
		Recycling	High grade ledger	Actual tonnage from company	0.05
		Recycling	Non ferrous metals/ aluminum scrap	Actual tonnage from company	43
		Recycling	Tires and rubber products	Actual tonnage from company	0.15
		Recycling	Wood waste, including pallets	Actual tonnage from company	40
9	Service Station	Recycling	Tires and rubber products	Actual tonnage from company	30
17	Micellaneous Retail	Recycling	Ferrous metal and tin cans	Actual tonnage from company	10
		Recycling	White goods	Actual tonnage from company	0.1
		Recycling	Tires and rubber products	Actual tonnage from company	0.4
		Recycling	Wood waste, including pallets	Actual tonnage from company	2.5
16	Building Materials	Recycling	Cardboard	Actual tonnage from company	12
		Recycling	Newspaper	Actual tonnage from company	0.5
66	Agriculture Services	Recycling	Cardboard	Actual tonnage from company	1
		Recycling	Grinding/ Mulching	Actual tonnage from company	0.5
		Recycling	Potting soil	Actual tonnage from company	10
18	Eating Place	Recycling	Fats and Oils	Actual tonnage from company	10
8	Utility	Recycling	Cardboard	Actual tonnage from company	0.25
		Recycling	Mixed Paper	Actual tonnage from company	- 0.5
		Recycling	Newspaper	Actual tonnage from company	0.05
		Recycling	Aluminum cans	Actual tonnage from company	0.03
		Recycling	Bimetal cans	Actual tonnage from company	5
		Recycling	Tires and rubber products	Actual tonnage from company	0.62
		Recycling	Wood waste, including pallets	Actual tonnage from company	2
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.02

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27	Plumbing	Recycling	Ferrous metals and tin cans	Actual tonnage from company	1
		Recycling	Non ferrous metals and scrap aluminum	Actual tonnage from company	1
		Recycling	White goods	Actual tonnage from company	6
22	Eating Place	Recycling	Cardboard	Actual tonnage from company	1.5
		Recycling	Mixed paper	Actual tonnage from company	0.5
		Recycling	Other plastics	Actual tonnage from company	0.25
		Recycling	Other glass	Actual tonnage from company	0.5
		Recycling	Food Waste	Actual tonnage from company	2.5
		Recycling	Fats and oils	Actual tonnage from company	1.7
115	Lodging Place	Recycling	Mattresses	174.3 lbs (Queen), LA Study	6
41	General Merchandise	Recycling	Cardboard	Actual tonnage from company	5.5
91	Real Estate	Recycling	Non ferrous metals and scrap aluminum	Actual tonnage from company	0.1
		Recycling	Grinding of grass and leaves	Actual tonnage from company	4.2
56	Utility	Recycling	Cardboard	Actual tonnage from company	0.65
		Recycling	Mixed paper	Actual tonnage from company	0.25
		Recycling	Newspaper	Actual tonnage from company	0.05
		Recycling	Aluminum cans	Actual tonnage from company	0.01
		Recycling	Ferrous metals and tin cans	Actual tonnage from company	1.1
		Recycling	Non ferrous metals and scrap aluminum	Actual tonnage from company	1.2
		Recycling	Tires and rubber products	Actual tonnage from company	0.9
99	Real Estate	Recycling	Cardboard	Actual tonnage from company	0.25
		Recycling	Mixed paper	Actual tonnage from company	0.25
		Recycling	Newspaper	Actual tonnage from company	0.25
		Recycling	CRV glass	Actual tonnage from company	0.03
		Recycling	Aluminum cans	Actual tonnage from company	0.08
		Recycling	Ferrous metals and tin cans	Actual tonnage from company	0.5
		Recycling	Non ferrous metals and scrap aluminum	Actual tonnage from company	0.15
		Recycling	White goods	Actual tonnage from company	1.5
		Recycling	Wood waste including pallets	Actual tonnage from company	0.25
		S-Reduction	Toner cartridges	2.5 lbs. USEPA	0.01
		S-Reduction	Reuse and auction of equipment	Actual tonnage from company	0.01
		S-Reduction	Donated office supplies	Actual tonnage from company	0.01
117	Lodging Place	Recycling	Mattresses	174.3 (Queen), LA Study	3
12	Warehouse	Recycling	Cardboard	Actual tonnage from company	3
116	Lodging Place	Recycling	Mattresses	174.3 (Queen), LA Study	2.4
104	Eating Place	Recycling	Fats and oils	Actual tonnage from company	2.1
46	Trucking	Recycling	Newspaper	Actual tonnage from company	0.01
		Recycling	Aluminum cans	Actual tonnage from company	0.03
		Recycling	Tires and rubber products	Actual tonnage from company	2
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.03
		S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.01
40	Agricultural Services	Recycling	Aluminum cans	Actual tonnage from company	0.02

		Recycling	Tires and rubber products	70 lbs/truck tire, Iowa Directory	1.7
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.03
14	Eating Place	Recycling	Fats and oils	Actual tonnage	1.7
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.04
88	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
105	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
118	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
119	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
120	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
121	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
122	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
123	Eating Place	Recycling	Fats and oils	Actual tonnage from company	1.7
23	Food Store	Recycling	Aluminum cans	Actual tonnage from company	0.03
		Recycling	Ferrous metals and tin cans	Actual tonnage from company	1.5
89	Plumbing Contractor	Recycling	Cardboard	Actual tonnage from company	0.5
		Recycling	Non ferrous metals and scrap aluminum	Actual tonnage from company	1
35	Building Materials	Recycling	HDPE containers	Actual tonnage from company	0.06
		Recycling	Tires and rubber products	70 lbs/truck tire, Iowa Directory	0.6
		Recycling	Wood waste including pallets	Actual tonnage from company	0.75
		S-Reduction	Toner cartridges	2.5 lbs. USEPA	0.01
48	Drinking Establishment	Recycling	Aluminum cans	Actual tonnage from company	1.3
114	Lodging Place	Recycling	Mattresses	174.3 lbs (Queen). LA Study	1.2
29	Batch Plant Operator	Recycling	Tires and rubber products	70 lbs/truck tire, Iowa Directory	0.5
		Recycling	Rocks, concrete, bricks and asphalt	Actual tonnage from company	0.5
62	Education Services	Recycling	Mixed paper	Actual tonnage from company	1
		Recycling	Newspaper	Actual tonnage from company	0.03
		Recycling	Aluminum cans	Actual tonnage from company	0.03
24	Service Station	Recycling	Tires and rubber products	21 lbs/auto tire, Iowa Directory	1
52	Building Materials	Recycling	Cardboard	Actual tonnage from company	0.75
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.01
28	Electrical Contractor	Recycling	Cardboard	Actual tonnage from company	0.75
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs, USEPA	0.01
32	Agricultural Services	Recycling	Tires and rubber products	70 lbs/truck tire, Iowa Directory	0.5
45	Agricultural Services	Recycling	Tires and rubber products	70 lbs/truck tire, Iowa Directory	0.3

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97	Real Estate	Recycling	HDPE containers	Actual tonnage from company	0.1
		Recycling	PETE containers	Actual tonnage from company	0.08
		Recycling	Aluminum cans	Actual tonnage from company	0.13
		S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.01
63	Consulting	Recycling	Newspaper	Actual tonnage from company	0.03
		Recycling	Other plastics	Actual tonnage from company	0.05
		Recycling	CRV glass	Actual tonnage from company	0.1
		Recycling	Aluminum cans	Actual tonnage from company	0.03
		S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.01
74	Recreational Services	Recycling	Aluminum cans	Actual tonnage from company	0.1
80	Business Services	Recycling	Mixed paper	Actual tonnage from company	0.01
		Recycling	Aluminum cans	Actual tonnage from company	0.02
		Recycling	Grinding of leaves, grass and prunings	Actual tonnage from company	0.05
		S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.01
		S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.01
78	Business Services	Recycling	Other paper	Actual tonnage from company	0.02
		Recycling	Aluminum cans	Actual tonnage from company	0.01
		S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.04
93	Real Estate	Recycling	Cardboard	Actual tonnage from company	0.01
		S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.01
37	Agricultural Services	Recycling	Aluminum cans	Actual tonnage from company	0.01
18	Agricultural Services	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.31
90	Real Estate	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.08
59	Automotive Dealer	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.03
		S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.03
64	Automotive Dealer	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.01
		S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.03
84	Real Estate	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.03
69	Agriculture Services	S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.02
10	Truck Repair	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.02
79	Biological Research	S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.02
21	Automotive Dealer	S-Reduction	Toner cartridges	2.5 lbs, USEPA	0.01
39	Agricultural Services	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.01
57	Personal Services	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.01
43	Communications	S-Reduction	Double sided copying	Rream (500 sheets) = 5 lbs, USEPA	0.01

92	Real Estate	S-Reduction	Double sided copying	Réam (500 sheets) = 5 lbs, USEPA	0.01

Total Business Diversion 494.97

#### Waste Audits for Non-Business Entities

Reference Number	Entity	Diversion Activity	Material Type	Conversion Factor and Source	Tons
2	City Government	Recycling	Mixed Paper	No conversion/actual tonnage	0.1
		Recycling	High Grade Paper	No conversion/actual tonnage	0.15
		Recycling	Non ferrous metal/aluminum scrap	No conversion/actual tonnage	0.6
		Recycling	Plant grinding/mulching	No conversion/actual tonnage	20
		Recycling	Rocks, concrete, brick and asphalt	No conversion/actual tonnage	6,271.00
		Recycling	Sludge	No conversion/actual tonnage	500
		S-Reduction	Double sided copying	Réam (500 sheets) = 5 lbs	0.28
		S-Reduction	Tonner cartridges		0.02
		S-Reduction	Reuse/aution of equipment	No conversion/actual tonnage	100
		S-Reduction	Asphalt grinding in place	No conversion/actual tonnage	300
		S-Reduction	Repair/reuse items	No conversion/actual tonnage	109.2
		S-Reduction	Backyard composting		16.45
		S-Reduction	Gresscycling	350 lbs/1000 sq ft - city acreage records	1,348.50
				Total City Diversion Tonnage	8,666.30
1	Prisons	Recycling	Cardboard	Noconversion/actual tonnage	187.53
		Recycling	Mixed paper	Noconversion/actual tonnage	0.25
		Recycling	High grade ledger	Noconversion/actual tonnage	10.4
		Recycling	HDPE	Noconversion/actual tonnage	0.6
		Recycling	PETE	Noconversion/actual tonnage	0.3
		Recycling	Other Plastics	Noconversion/actual tonnage	4.4
		Recycling	Aluminum cans	Noconversion/actual tonnage	1.04
		Recycling	Ferrous metals and tin cans	Noconversion/actual tonnage	71.19
		Recycling	Wood waste including pallets	Noconversion/actual tonnage	14.4
		Recycling	Textiles and leather	Noconversion/actual tonnage	23.8
		Recycling	Rocks, concrete, brick and asphalt	Noconversion/actual tonnage	294.99
		S-Reduction	Double sided copying	Réam (500 sheets) = 5 lbs	10.2
				Total Prison Diversion Tonnage	619.1
96	Franchisee	Recycling	Cardboard	Noconversion/actual tonnage	26
		Recycling	Mixed paper	Noconversion/actual tonnage	0.2
		Recycling	Newspaper	Noconversion/actual tonnage	0.75
		Recycling	Other Plastics	Noconversion/actual tonnage	0.12
		Recycling	CRV Glass	Noconversion/actual tonnage	0.28
		Recycling	Aluminum cans	Noconversion/actual tonnage	3.3
		Recycling	Non ferrous aluminum scrap	Noconversion/actual tonnage	0.74
		Recycling	White goods	Noconversion/actual tonnage	24.7
		Recycling	Plant grinding/mulching	Noconversion/actual tonnage	2
		Recycling	Rocks, concrete, brick and asphalt	Noconversion/actual tonnage	550
		S-Reduction	Double sided copying	Réam (500 sheets) = 5 lbs	0.12

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				Total Franchise Diversion Tonnage	608.21
84	Recycling Center	Recycling	HDPE	Noconversion/actual tonnage	10.5
		Recycling	CRV Glass	Noconversion/actual tonnage	102.1
		Recycling	Aluminum cans	Noconversion/actual tonnage	85
				Total Recycling Center Diversion Tonnage	197.6
95	Non-profit Org.	Recycling	PETE	Noconversion/actual tonnage	5.2
		Recycling	CRV Glass	Noconversion/actual tonnage	42.5
		Recycling	Aluminum cans	Noconversion/actual tonnage	60
				Total Non-profit Org. Diversion Tonnage	107.7
124	Cemetery District	Recycling	Plant grinding/mulching	Noconversion/actual tonnage	24
		S-Reduction	Grasscycling	350 lbs/1,000 sq ft - acreage records	145
				Total Cemetery District Diversion Tonnage	169
113	Landfill	Recycling	Tires and Rubber Products	Noconversion/actual tonnage	22
				Total Landfill Diversion Tonnage	22
106	Disabilities Training Center	Recycling	Newspaper	Noconversion/actual tonnage	0.05
		Recycling	Whitegoods	Noconversion/actual tonnage	1.3
		S-Reduction	Double sided copy	Ream (500 sheets) = 5 lbs	0.06
		S-Reduction	Reuse items	Conversion factor and percent enumeration attached	223
				Total Training Center Diversion Tonnage	224.41
6	College	Recycling	Cardboard	Noconversion/actual tonnage	1
		Recycling	Aluminum cans	Noconversion/actual tonnage	0.1
		S-Reduction	Double sided copy	Ream (500 sheets) = 5 lbs	8.75
				Total College Diversion Tonnage	9.85
4	Irrigation District	Recycling	Cardboard	Noconversion/actual tonnage	0.25
		Recycling	Newspaper	Noconversion/actual tonnage	0.25
		Recycling	High grade ledger	Noconversion/actual tonnage	0.25
		Recycling	Aluminum cans	Noconversion/actual tonnage	0.03
				Total Irrigation District Diversion Tonnage	0.78
3	Schools	Recycling	Aluminum cans	Noconversion/actual tonnage	0.4
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs	32.25
		S-Reduction	Grasscycling	350 lbs/1,000 sq ft - acreage records	114.34
				Total Schools Diversion Tonnage	146.99
110	County Government	Recycling	Aluminum cans	Noconversion/actual tonnage	0.01
		S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs	0.09
		S-Reduction	Grasscycling	350 lbs/1,000 sq ft - acreage records	78.3
				Total County Government Diversion Tonnage	78.4
109	County Fair	S-Reduction	Double sided copying	Ream (500 sheets) = 5 lbs	0.01
		S-Reduction	Grasscycling	350 lbs/1,000 sq ft - acreage records	43.5
				Total County Fair Diversion Tonnage	43.51
82	Comm. Act. Council	S-Reduction	Double sided copying	Noconversion/actual tonnage	0.09
				Total Community Action Council Diversion Tonnage	0.09

Total Non Business Diversion (Governments) 10,893.94

Total Diversion Tonnage 11,388.01

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept.).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	City of Blythe Public Works concrete and asphalt grinding program	1997	6271
White Goods	PVVDS Special Collection Program (seasonal)	1995	25
Scrap Metal	City of Blythe Public Works yard scrapage program	1993	1
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of preciously submitted information.

(Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				